

POST & BID POSITION ANNOUNCEMENT
Bargaining Units 1, 4 and 11

1. Reference #: 59-2-071 2. Position Number: 559-220-3036-009 3. Date of Posting: 10/03/2011
4. Classification: Structural Design Technician III 5. Salary Range: \$4,305 - \$5,230 per month
6. Pay Differentials That Apply To Position: Not applicable to this position
7. Working Hours Of Position: To be determined by the hiring manager and employee
8. District/Division: 59/DES Section: SPI Geographic Location: Sacramento, California
(If selected and the position requires a relocation, the Department will NOT provide relocation assistance.)

9. Specific Qualifications and Requisite Skills Required: (Attach a separate sheet if additional space is needed.)

- A. Minimum Qualifications per the Classification Specifications (BU1 & 4 only) (Education and or Experience):
HR will Insert link to SPB Classification Specification

B. Technical & Professional Skills, & Abilities:

Knowledge of:

- Details, methods, layouts, scale and organization of details used in preparation of structural design, details, construction drawings, as-built plans, quantity estimates for a variety of structures.
- Engineering mathematics.
- State-of-the-art technology, e.g., CADD and related computer programs used to determine layout, detail drawings and create geometric designs for a variety of structures.

Ability to:

- Communicate both orally and in writing.
- Follow oral and written directions.
- Interpret sketches, drawings and plans encountered in the work.
- Assist in performing geometric design for various structures.
- Prepare and check quantity estimates for a variety of structures
- Make basic engineering calculations, prepare chart and graphs.
- Use state-of-the-art technology, e.g., CADD and related computer programs.
- Use of mathematical calculations and interpretation of the survey notes and computer alignment output in preparing General Plans, site data and locating abutments and bents.
- Assist in training of Drafting Aids and less experienced Structural Design Technicians.

Analytical Requirements:

- Use of trigonometric calculations and interpretation of the survey notes and computer alignment output in preparing General Plans, site data and locating specific abutments and bents.
- Must be thoroughly informed in regard to information available from standards.

C. License and/or Certification Requirements: None.

D. Physical Abilities to Perform Essential Functions:

Incumbent must be able to sit for long periods of time using a keyboard, mouse devices and video display monitor. Incumbent may also be required to move large or cumbersome plans and diagrams from one location to another. Must be able to interact, develop and maintain cooperative working relationships with staff.

E. Other Departmental Requirements: *HS - From Duty Statement and Departmental Policy Memos*

F. Duty Statement/Description of Duties: *HR will insert link to duty statement document*

10. Final Date and Time for Receiving Bid: October 17, 2011 by COB 5PM

11. Where to Obtain Bid Form: <http://www.dot.ca.gov/hq/jobs/postandbid/postandbidmain.htm>

12. Submit Bid to:

Name: Terry Meleski
Address: 1803 30th Street, MS 9-5/2J
Telephone Number: 916-227-9525
FAX Number: 916-227-8056
E-mail Address: Terry_Meleski@dot.ca.gov

13. Window period employee must be available for contact (**Unit 1&4 Only**): From: _____ To: _____
(If selected, you must report in no less than 14 calendar days unless agreed otherwise by current and hiring supervisor and start date must be within 30 calendar days.)

14. Expected Reporting Date To Position (**Unit 11 Only**): NOVEMBER 3, 2011.
(If selected, you must report on the reporting date above unless agreed otherwise by current and hiring supervisor.)